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Total Number of Pages in This Submission

Application Number	10/620,121
Filing Date	July 15, 2003
First Named Inventor	Remus, Duane R.
Art Unit	3745
Examiner Name	Lopez, Frank D.
Total Number of Pages in This Submission	Attorney Docket Number 3000229-7031202001

### ENCLOSURES (check all that apply)

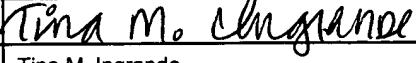
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <ol style="list-style-type: none"> <li>1. Replacement Sheets - Figures 2A and 2B]</li> <li>2. Return Receipt Postcard</li> </ol>
<b>Remarks</b>		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm	Bingham McCutchen LLP		
Signature			
Printed Name	Gerald Chan		
Date	June 13, 2005	Reg. No.	51,541

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Date	June 13, 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Remus, DUANE R.

Application No.:

**10/620,121**

Filing Date:

July 15, 2003

Group Art Unit:

3745

Examiner:

Lopez, Frank D.

Title:

DISPLACEMENT SHIFT VALVE AND PUMPING APPARATUS AND  
METHODS USING SUCH VALVE

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This Amendment is in response to the Office Action mailed March 11, 2005.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 5 of this paper.

Remarks begin on page 10 of this paper.